

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

No English title available.

Patent Number: DE10104833
Publication date: 2002-08-08
Inventor(s): SANCHEZ GIRALDEZ JOSE HUMBERTO (DE)
Applicant(s): SANCHEZ GIRALDEZ JOSE HUMBERTO (DE)
Requested Patent: ☐ DE10104833
Application Number: DE20011004833 20010201
Priority Number(s): DE20011004833 20010201
IPC Classification: A44B1/18; A44B1/36; A44B1/06
EC Classification: F16B21/16; A41F1/00B
Equivalents: ☐ WO02060292

Abstract

The invention relates to a magnetic closure (100), wherein a base part (12) lockably engages with a head part (11) and the lock can only be released from outside by the effect of a key magnet (10). Said key magnet (10) transmits a torque on a ring magnet (14) present in the head part (11) by means of at least two poles (N, S) so that the ring magnet is turned about its ring axis. The turning of the ring magnet (14) causes, either by means of a follower (15) or directly, two latch elements (17, 29) to be forced apart against the force of a spring (metal, rubber or the like). The latch elements (17, 29), by being forced apart, are transferred from a locking position to an opening position. In the locking position, they engage with the annular groove (20) on a base part (12) that is inserted in the head part (11). In the opening position, they are disengaged and the base part (12) can be removed from the insertion opening (28) of the head part (11).

Fig. 1

